

System uPDT™

Ultimate Personal Development Tool



True System z® processing on a budget

Information Technology Company (ITC)'s System uPDT™ technology is a complete, ready-to-use mainframe application development system for IBM® Independent Software Vendors (ISVs). The uPDT™ systems offer robust, reliable and attractively-priced solutions to meet today's requirements for IBM System z mainframe development.

uPDT incorporates the IBM System z Personal Development Tool (zPDT™) technology with state-of-the-art Intel® 64-bit IBM and Lenovo® systems to work transparently with the Linux® operating system and System z software. The result is a low-cost, seamless, fully-capable mainframe computing system for either development or demonstration purposes.

The power of z

The IBM System z Personal Development Tool (zPDT) is a software-based application tool that provides an affordable application development and demonstration platform for commercially available products on System z. The zPDT enables a virtual System z architecture environment to run in full capacity on Intel platforms – such as a Lenovo laptop or IBM System.

This new tool can be very useful to ISVs by providing:

- ▶ A low-cost IBM System z platform for ISV application development and testing
- ▶ A portable System z platform for training & education on applications and Operating System environments
- ▶ A portable System z demonstration platform used to more-easily showcase products
- ▶ Support for developers in remote or multiple locations where having personal zPDT system(s) is more efficient and cost-effective than dedicating larger server resources
- ▶ Freedom from a dedicated LPAR on existing systems
- ▶ Complete control of your environment without risk to others.

The zPDT comes in one, two, or three virtual engines, and can be enabled as separate uni-processors or as a multi-processor configuration. These virtual engines can be defined as: System z general purpose processors; System z Integrated Information Processors (zIIPs); System z Application Assist Processors (zAAPs); and System z Integrated Facility for Linux (IFL).

The ITC Advantage

ITC takes this one step further by creating an underlying image that meets demanding System z development requirements for reliability. ITC has performed extensive research & development towards the design/build/test of System uPDT, gaining considerable experience in the process.

What does this mean to you? It means that System uPDT is ready to deploy immediately within your organization for productive application development use.

ITC's System uPDT includes the selected hardware platform (laptop, desk-side and tower servers) you desire, the IBM zPDT technology (USB Hardware key and appropriate 1090 Code), Intel-based Linux (Red Hat® or openSUSE®), and your selected System z Operating system (z/OS®, z/VM®, z/VSE®, z/Linux). Custom-configured, your System uPDT is a complete, ready-to-use system that has been thoroughly tested and built to meet your specific requirements. ITC can also provide you with Level 1 & 2 technical support for your System uPDT solution.

Information Technology Company

Since its formation, Information Technology Company, LLC (ITC) has pioneered the way in advancing mainframe technology. ITC's expertise spans nearly 30 years of working alongside the head scientists in Poughkeepsie – the company being the first to distribute the IBM P/370 and P/390 systems, and the s390/Integrated Server. No other company has ITC's background and experience with IBM.

It was, therefore, only fitting that IBM chose ITC to be its partner in expanding their zPDT technology. With a vast customer base in the Federal, commercial, and international markets, ITC is well-suited to establish zPDT and its benefits. It is this same expertise that has led to the refinement of System uPDT.

ITC provides a full range of optional services covering education, installation, customization, networking, and data management in support of your mainframe project.



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uPDT information: www.p390.com/updt.htm
ITC support line: 800-994-9441

Which one is right for you?	IBM zPDT	ITC uPDT
IBM 1090 Hardware Key	✓	✓
IBM 1090 Code	✓	✓
IBM zPDT Annual Subscription	✓	✓
IBM-Approved Base System		✓
Preloaded Linux Operating System		✓
Preloaded System z Operating System		✓
Preloaded IBM 1090 Code		✓
zPDT Level 1/Level2 Technical Support		✓
Optional Services (Installation, Migration, Training)		✓

uPDT System at a Glance

IBM Product Number

zPDT USB Hardware Key (1090-L01, 1090-L02, 1090-L03)
zPDT Software (5799-ADE); Release 41.22

Base Systems

uPDT Mobile - Lenovo ThinkPad® w510 (i7 Quad-Core 920 2.0GHz Processor, 8-16 GB Memory, 500 GB SATA HDD)
uPDT Midrange - IBM x3500 M3 (2.40 GHz Quad Core Processor, 8 -16 GB Memory, 4x 500 GB SATA HDD)
uPDT Enterprise - IBM x3500 M3 (1x 3.333 GHz Six Core Processor, 12 - 24 GB Memory, 6x 300 GB SAS HDD)

Supported Software

z/OS Levels 1.9, 1.10, 1.11
z/VM Levels 5.3, 5.4, 6.1
z/VSE Level 4.1, 4.2
z/Linux OS Levels: openSUSE 11.2, Red Hat Enterprise Linux (RHEL) 5.4

Additional Information

To learn more about the IBM zPDT technology and how ITC's System uPDT solution can help your organization, please visit: www.p390.com/updt.htm

Or contact:

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